FAX NO. : 6/1551/1/

-10:08am الر-Dec-10

From-Hughes Natworks Systems

301-428-2602

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COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

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From-Hughes Networks Systems

301-428-2802

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DECLARATION/POWER OF ATTORNEY

Page 2 of 2

Attorney Docket No: PD-201178

I hereby appoint the following attorneys, or agent and attorneys, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

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I hereby declare that all statement made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and turther that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001 and that such false statements may jeopardize the validity of the application or any patent issued thereon.

Eull Name of Sole or Joint Inventor:	Inventor's Signature:		Date:
Anthony Noerpel			
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Full Name of Joint Inventor:	Inventor's Signature:		Date:
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Full Name of Joint Inventor:	Inventoris Signature:		Date [*] ,
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COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

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the specification of white (check one) \boxtimes is attached was f	ich: ached hereto filed on	_ as App	lication Serial No					
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acknowledge the duty be material to patental	onity as define	eu iii iiiie	37, Code of Federal F	Regulations	s, §1.56.			
hereby claim foreign patent or inventor's cer other than the United Spatent or inventor's cer application on which pr	States of Amerificate, or of states of Amerificate, or of riority is claim	erica, liste any PC1 ed:	iny PCT international a ed below and have also international application	pplication t	hat designat	ted at least preign appl before that	one continuity	ountry I(s) for
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DECLARATION/POWER OF ATTORNEY

Page 2 of 2

Attorney Docket No: PD-201178

I hereby appoint the following attorneys, or agent and attorneys, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

John T. Whelan Craig L. Plastrik Registration No. 32,448

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Registration No. 41,254 Registration No. 30,213

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Country:

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Telephone: 301-428-5965

Facsimile: 301-428-2802

I hereby declare that all statement made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001 and that such false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole or Joint Inventor:	Inventor's Signature:		Date:
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Full Name of Joint Inventor:	Inventor's Signature:		Date:
Xiaoping He	dinger ok		1/22/02
Residence (City and State)		Citizen	, ,
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Full Name of Joint Inventor:	Inventor's Signature:		Date:
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From-Hughes Networks Systems

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301-428-2802

T-000 P.002/000 F-013



ASSIGNMENT

Page 1 of 3

Attorney Danket No: PD-201178

WHEREAS, I. as below named inventor (if only one name is listed below) or joint inventor (if plural names are listed below) of the city and state as stated below next to my name, have invented a <u>A SYSTEM AND METHOD</u>
FOR PROVIDING CONTENTION CHANNEL ORGANIZATION FOR BROADBAND SATELLITE ACCESS IN A
COMUNICATIONS NETWORK:

X	for which application for Letters Patent of the Linited States has been executed by me on this day; or
	which is embodied in U.S. Patent Application Sorial Nofiled on

WHEREAS, HUGHES ELECTRONICS CORPORATION, (hereinafter referred to as HUGHES), a Delaware Corporation, having its principal place of business in El Begundo, California, is desirous of acquiring the entire and exclusive right, title and interest in, to and under said invention, said application and any and all Letters Patent that may be granted therefor in the United States and throughout the world.

NOW, THEREFORE, in consideration of the obligations voluntarily assumed by me and set forth in an invention gagreement between me and my employer, effective the date as stated below next to my name, and other good and ंपर्वाधवर्धक consideration, receipt of which is hereby acknowledged, I do hereby sell, assign and transfer to HUGHES, its successors, assigns or other legal representatives, the entire and exclusive right, title and interest in and to said invention invented by me, to said application and any and all applications which are continuations, continuations-inpart, divisions or substitutes of said application and any and all Letters Patent that may be granted therefor in the United States and throughout the world on any of said applications and to any and all reexaminations, reissues, fonewals or extensions of said Letters Patent in the United States and throughout the world for the full term or terms for which said Letters patent may be granted in the United States and throughout the world; authorize and sequest The Commissioner of Patents and Trademarks of the United States and all fureign countries to issue all Buch Kettera Patent to said HUGHES, its successors, assigns or other legal representatives; covenant that no ਫ਼ਿਤਤਰਿਸ਼ਾਗਰਾ, sale, agreement, transfer or encumbrance has been, or will be, made or entored into which would conflict with this assignment, sale and transfer; and agree to communicate to HUGHES, its successors, assigns or other legal representatives, upon request and at no cost or expense to me, any facts known by me respecting said invention, do all lawful acts, including the execution and delivery of all papers and proper caths and giving of tastimony that is deemed necessary or desirable by HUGHES, its successors, assigns or other legal representatives with regard to said invention for protecting, obtaining, maintaining and enforcing any and all of said Letters Patent in the United States and throughout the world for said invention and for perfecting, affirming, recording and maintaining the title of HUGHES, its successors, assigns or other legal representatives, and generally cooperate to the fullest extent in all matters pertaining to eaid invention, and any and all of said Letters Patent and the title thereto in HUGHES, its successors, assigns or other legal representatives.

_801-Dec-18 10:02am From-Hughes Natworks Systems

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ASSIGNMEN (Page 2 of 3 Alighey Dacker No. PO-201179

IN WIT	NESS WH	EREOF.	liave	executed	eint	instrument:
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Anthony Noerpel	inventor's Signature:	Date:
Residence (City and State)		INVENTION AGREEMENT DAT
Lovettsville, Va		
Full Name of Joint Inventor:	Inventor's Signature:	Date:
Channasandra Ravishankar		
Residence (City and State)		INVENTION AGREEMENT DAT
Germantown, Maryland		,
Full Name of Joint Inventor:	Inventor's Signature:	Date:
Xiaoping He		
Residence (City and State)		INVENTION AGREEMENT DAT
Frederick, Maryland		
Full Name of Joint Inventor:	Inventor's Signatures	Date:
Abheek Saha	Althous I	19/18/2001
Residence (Lity and State)		INVENTION AGREEMENT DAT
New Delhi, India		
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From-Hughes Networks Systems

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AGGIGNMENT Page 3 of 3 Attorney Docket No: PD-201179

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